

REMARKS

Amendments to the claims

The language of claim 1 has been amended to recite "*token memory storing token data including identity information for identifying the token and auxiliary token information identifying one or more authorised auxiliary tokens*" and the language of claim 22 has been amended to recite "*a token reader interface for receiving and communicating with a removable token, the token having a token memory storing token data including identity information for identifying the token and auxiliary token information identifying one or more authorized auxiliary tokens, wherein the one or more processors are arranged to receive the identity information and the auxiliary token information from a primary token received in the token reader interface, authenticate the primary token using the authentication process and, if the primary token is successfully authenticated, permit a user to interact with the secure process via the user interface, and wherein the one or more processors are ~~processing means is~~ arranged to repeatedly authenticate the primary token and cause the computing platform to suspend interaction between the secure process and the user if authentication is not possible as a result of the removal of the primary token unless the primary token is replaced by an authorized auxiliary token*".

Applicants note that the above amendments have been conducted for clarity purpose only, and not for distinguishing over the prior art.

Objections to the claims

Claims 1, 3-9, 15, 17, 18 and 19 stand objected to for reciting the word "authorised", deemed to be misspelled. Applicants respectfully submit that "authorised" is the British English form of "authorized". MPEP 608.01 recites that the Examiner should not object to the specification and/or claims in patent applications merely because applicants are using British English Spelling."

Rejection under 35 U.S.C. 103

Claims 1, 3-5, 8, 9, 13-15, 17-19, 22 and 29 stand rejected under 35 U.S.C. 103(a) as being unpatentable over U.S. Pat. No. 6,298,441 to Handelsman et al. in view of U.S. Pat. No. 5,442,704 to Holtey; claims 2, 12, 16, 23 and 28 stand rejected under 35 U.S.C. 103(a) as being unpatentable over Handelsman in view of Holtey and further in view of U.S. Pat. No. 6,173,400 to Perlman; and claims 10, 11, 26 and 27 stand rejected under 35 U.S.C. 103(a) as being unpatentable over Handelsman in view of Holtey and further in view of U.S. Pat. No. 5,923,759 to Lee. Applicants respectfully disagree.

Claim 1

In the Action, the Examiner asserts that Handelsman discloses a computing apparatus comprising processing means, "wherein the processing means is arranged to cause the computing platform to suspend interaction between the secure process and the user if authentication is not possible as a result of the removal of the primary token unless the primary token is replaced by an authorised auxiliary token". Applicants respectfully disagree.

Applicants note that according to the Examiner, in Handelsman, the main storage card 385 having a processor 390 discloses a primary token, and the parent card 400 discloses an auxiliary token. Applicants further note that Handelsman teaches, column 8, lines 5-7, that "if the main card is removed from card receptacle 24 none of the transmitted programs is decrypted", and therefore clearly teaches a system wherein interaction is suspended as a result of the removal of the primary token (main card) even if the authorised auxiliary token (parent card) is present: Handelsman does not provide for continuing the operation if the main card is removed but the auxiliary replacement card is present. Applicants therefore submit that Handelsman cannot be deemed to disclose or suggest a computing apparatus comprising processing means, wherein the processing means is arranged to "cause the computing platform to suspend interaction between the secure process and the user if authentication is not possible as a result of the removal of the primary token unless the primary token is replaced by an authorised auxiliary token", as recited in claim 1.

Applicants submit that the Examiner has failed to show that Hotlley discloses or suggest the above features, and therefore submit that the Examiner has failed to show that a combination of Handelsman and Holtey would have led one of ordinary skill in the art to a computing apparatus as recited in claim 1, and in particular comprising processing means, wherein the processing means is arranged to *"cause the computing platform to suspend interaction between the secure process and the user if authentication is not possible as a result of the removal of the primary token unless the primary token is replaced by an authorised auxiliary token"*.

Consequently Applicants respectfully submit that claim 1 is patentable over Handelsman in view of Holtey.

Claim 15

The above arguments can be used to show that Handelsman does not disclose or suggest a method as recited in claim 15, and in particular comprising the step: *"if it is not possible to re-authenticate the primary token, suspending the interaction between the computing apparatus and the user unless the primary token has been replaced with an authorised auxiliary token"*, and that the Examiner has failed to show that a combination of Handelsman and Holtey would have led one of ordinary skill in the art to such a method. Accordingly, Applicants respectfully submit that claim 15 is patentable over Handelsman in view of Holtey.

Claim 22

The above arguments can be used to show that Handelsman does not disclose or suggest a computing apparatus as recited in claim 22, and in particular comprising one or more processors arranged to *"cause the computing platform to suspend interaction between the secure process and the user if authentication is not possible as a result of the removal of the primary token unless the primary token is replaced by an authorized auxiliary token"*, and that the Examiner has failed to show that a combination of Handelsman and Holtey would have led one of ordinary skill in the art to such a computing apparatus. Accordingly, Applicants respectfully submit that claim 22 is patentable over Handelsman in view of Holtey.

Claims 3-5, 8, 9, 13-14, 17-19 and 29

Claims 3-5, 8-9 and 13-14 depend on claim 1; claims 17-19 depend on claim 15 and claim 29 depend on claim 22. Applicants submit that at least in view of their dependency on claims 1, 15 or 22, claims 3-5, 8- 9, 13-14, 17-19 and 29 are patentable over Handelman in view of Holtey.

Claims 2, 12, 16, 23 and 28

Claims 2 and 12 depend directly or indirectly on claim 1; claim 16 depends on claim 15; and claims 23 and 28 depend directly or indirectly on claim 22. The above arguments can be used to show that the Examiner has failed to demonstrate that either Handelman, Holtey or Perlman disclose or suggest a computing apparatus as recited in claim 1, and in particular comprising processing means, wherein the processing means is arranged to *"cause the computing platform to suspend interaction between the secure process and the user if authentication is not possible as a result of the removal of the primary token unless the primary token is replaced by an authorised auxiliary token"*, or as recited in claim 22, and in particular comprising one or more processors arranged to *"cause the computing platform to suspend interaction between the secure process and the user if authentication is not possible as a result of the removal of the primary token unless the primary token is replaced by an authorized auxiliary token"*, or a method as recited in claim 15, and in particular comprising the step: *"if it is not possible to re-authenticate the primary token, suspending the interaction between the computing apparatus and the user unless the primary token has been replaced with an authorised auxiliary token"*. Accordingly, Applicants respectfully submit that the Examiner has failed to show that any combination of Handelman, Holtey or Perlman would have led one of ordinary skill in the art either to a computing apparatus as recited in claim 1 or in claim 22, or to a method as recited in claim 15. Applicants therefore submit that claims 1, 15 and 22 are patentable over Handelman, in view of Holtey and further in view of Perlman.

Further, Applicants submit that at least in view of their dependency on claims 1, 15 or 22, claims 2, 12, 16, 23 and 28 are patentable over Handelman, in view of Holtey and further in view of Perlman.

Claims 10, 11, 26 and 27

Claims 10 and 11 depend directly or indirectly on claim 1; and claims 26 and 27 depend directly or indirectly on claim 22. The above arguments can be used to show that the Examiner has failed to demonstrate that either Handelman, Holtey or Lee disclose or suggest a computing apparatus as recited in claim 1, and in particular comprising processing means, wherein the processing means is arranged to *"cause the computing platform to suspend interaction between the secure process and the user if authentication is not possible as a result of the removal of the primary token unless the primary token is replaced by an authorised auxiliary token"*, or as recited in claim 22, and in particular comprising one or more processors arranged to *"cause the computing platform to suspend interaction between the secure process and the user if authentication is not possible as a result of the removal of the primary token unless the primary token is replaced by an authorized auxiliary token"*. Accordingly, Applicants respectfully submit that the Examiner has failed to show that any combination of Handelman, Holtey or Perlman would have led one of ordinary skill in the art either to a computing apparatus as recited in claim 1 or in claim 22, and submit that claims 1 and 22 are patentable over Handelman, in view of Holtey and further in view of Lee.

Further, Applicants submit that at least in view of their dependency on claims 1 or 22, claims 10-11 and 26-27 are patentable over Handelman, in view of Holtey and further in view of Lee.

Allowable subject matter

Claims 6, 7, 24 and 25 stand objected to as being dependent upon a rejected base claim, but are deemed to be allowable if rewritten in independent form. Claims 6-7 depend directly or indirectly on claim 1 and claims 24-25 depend directly or indirectly on claim 22. Applicants acknowledge with gratitude the Examiner's indication of allowability as to claims 6-7 and 24-25. However, Applicants submits that claims 1 and 22 are patentable over the prior art.

* * *

In view of the above, Applicants submit that the application is now in condition for allowance and respectfully urge the Examiner to pass this case to issue.

The Commissioner is authorised to charge any additional fees that may be required or credit overpayment to deposit account no. 08-2025. In particular, if this response is not timely filed, the Commissioner is authorised to treat this response as including a petition to extend the time period pursuant to 37 CFR 1.136(a) requesting an extension of time of the number of months necessary to make this response timely filed and the petition fee due in connection therewith may be charged to deposit account no. 08-2025.

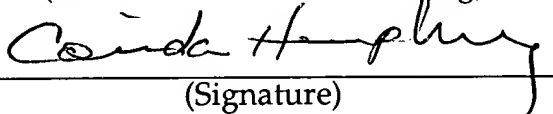
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(Date of Transmission)

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May 24, 2005

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Respectfully submitted,



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